

ABSTRACT OF THE DISCLOSURE

Mobile hydrogen generation and supply system comprising hydrogen precursor storage means for storing one or more hydrogen precursors; one or more hydrogen precursor conversion means selected from the group consisting of means for converting a hydrogen precursor into gaseous hydrogen and means for converting a hydrogen precursor into a hydrogen-containing intermediate; one or more delivery means selected from the group consisting of delivery means for offloading gaseous hydrogen and delivery means for offloading a hydrogen-containing intermediate; and mobile support means for mounting the hydrogen precursor storage means, hydrogen precursor conversion means, and one or more delivery means. The system may further comprise one or more means selected from the group consisting of means for converting gaseous hydrogen into stored hydrogen; means for containing stored hydrogen; means for converting stored hydrogen into gaseous hydrogen; and storage means for storing a hydrogen-containing intermediate. Mobile support means for mounting the apparatus for these functions may be transported by trucks, tractor-trailers, rail cars, barges, ships, or aircraft.

20

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